WO 2005/079987 PCT/FI2005/000115

7

## Claims

- 1. An electronic controllable pipette comprising
- a piston actuated in a cylinder by a motor,
- a control system enabling the piston to be moved under a given pipetting function consisting of several steps,
  - setting keys (7, 8, 9) for selecting the desired pipetting function and the related settings,
  - a switch (1) activating the function steps when depressed, and
- 10 a display (3),

15

characterised in that

- the control system comprises a change function, whose activation allows a selected function to be changed in the course of its operation, and when
  - the change function can be activated, the operation of a given setting key changes,
  - the changed operation of this setting key is shown on the display, and
- the change operation can be activated by depressing this setting key.
- 20 2. A pipette as defined in claim 1, in which the change function comprises cancelling a selected pipetting function, switching from the selected pipetting function to another, or combining an additional function with the selected pipetting function.
- 3. A pipette as defined in claim 1 or 2, in which the setting keys include at least one selection key (7, 8), depression of this selection key allowing a pipetting function or setting indicated on the display to be selected for use, and depression of a selection key enabling activation of the change function.
- 4. A system for controlling an electronic pipette, the pipette comprising
  - a piston actuated in a cylinder by a motor, the piston being movable by means of the control system according to a given pipetting function consisting of several steps.
  - setting keys (7, 8, 9) for selecting the desired pipetting function and the related settings,
    - a switch (1) which activates the function steps when depressed, and
    - a display (3)

35

WO 2005/079987 PCT/FI2005/000115

8

## characterised in that

- the control system has a change function, whose activation allows a change of a selected function in the course of its operation, and when

- the change function can be activated, the operation of a given setting key changes,
- the changed operation of this setting key is indicated on the display, and
- the change operation can be activated by depressing this setting key.

10

5